

GP301597

LOW CONTACT RESISTANCE PEM FUEL CELL

ABSTRACT OF THE DISCLOSURE

A PEM fuel cell having a current collector comprising a polymer composite and a diffusion media engaging said polymer composite.

- 5 The polymer composite has a hyperconductive surface layer engaging the diffusion media to reduce the contact resistance therebetween. The hyperconductive surface layer is formed by depositing or smearing an electrically-conductive material on the surface of the polymer composite.